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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Charette et al.

Serial No: 09/012,846

Filed: January 23, 1998

For: METHODS AND COMPOSITIONS
FOR ENHANCING COGNITIVE
FUNCTION USING
MORPHOGENIC PROTEINS



Attorney Docket No. CIBT-P01-510

Art Unit: 1647

Examiner: S. Turner

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Assistant Commissioner of Patents
Washington, D.C. 20231

REPLY UNDER 37 CFR 1.111

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed August 21, 2001, in connection with the above application. Please enter the following amendments:

In the claims:

~~28.~~ (Amended) A method for enhancing the formation and development of dendrites and synapses in hippocampal cells, comprising contacting said cells with a morphogen selected from an OP-1 polypeptide, a BMP-2 polypeptide, a BMP-5 polypeptide, a BMP-6 polypeptide, and a 60A polypeptide.

29. (Amended) The method of claim 28, wherein said morphogen comprises residues 30-292 of SEQ ID NO: 2.